

\* SWBAT use conservation of energy to calculate launch speed

Sep 6-2:31 PM

# Welcome!!!

Centering...

H. Leslie Grebe

- \* Pick up:
  - slip of paper (for later)

## Opening Questions:

Where did the popper get its energy?

Where did the energy go?



SECA Physics  
Thursday 21 November 2013

Sep 7-7:04 AM

What did we find?

AVG HEIGHT?

GPE<sub>top</sub>: 0.2445 J  
KE<sub>top</sub>: 0 J

]

TOTAL: 0.2445 J

GPE<sub>bot</sub>: 0 J  
KE<sub>bot</sub>: 0.2445 J

]

TOTAL: 0.2445 J

Apr 25-7:54 AM

## Video: ESPN - Perpetual Motion with Tony Hawk

Where did the bowling ball's energy go?

THERMAL / HEAT

Where did Tony Hawk get his energy?

FOOD → MUSCLES → PUMPING → GPE / KE

FRUIT, VEGS, PLANTS ← SUN

MEAT ← ANIMALS ← PLANTS ← SUN

Extra time?

Make-up work?

Nov 21-7:53 AM

### Daily 3 Questions

- \* Every day except test/project days
- \* 3 Questions on the topics of the day
- \* Main source of daily points
- \* I am happy to give credit when I have no concerns about someone giving or getting help with the answers.

You can't get your points if you don't have your **NAME!!!**

Name	Period
1.	
2.	
3.	

Sep 9-7:32 AM

1. Where did the bowling ball's energy go?

THERMAL / HEAT

2. Where did Tony Hawk gets his energy (ability to do work)?

PUMPING  
FOOD  
SUN

3. Where do fruits, vegetables, and other plants get their energy?

SUN

Dec 2-7:55 AM